



EUROPEAN COMMISSION

DIRECTORATE-GENERAL JRC
JOINT RESEARCH CENTRE
Institute for Transuranium Elements

Radioactivity - Radionuclides - Radiation **3rd Multi-Media Training Course with Nuclides.net** (1st-2nd April 2004)

Agenda:

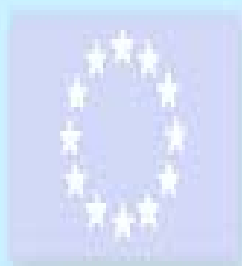
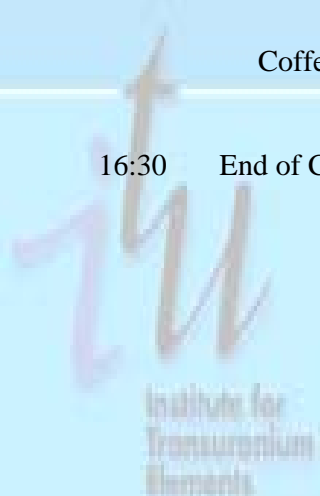
Thursday 1st

| | | | |
|--------------------------|--|------------|----------------|
| 9:00 | Welcoming address | G.H.Lander | ITU Director |
| 9:05 | Training Course Overview & Nuclide Explorer | | J. Magill |
| 9:35 | DataSheets/FactSheets/Articles/Weblinks | | V. Berthou |
| 9:50 | Decay Calculations with Nuclides.net | | J. Magill |
| Coffee 10:20 | | | |
| 10:45 | Dosimetry & Shielding with Nuclides.net | | J. Galy |
| 11:15 | Universal Nuclide Chart | | V. Berthou |
| 11:30 | Range calculations of particles and ions in solids | | T.Wiss |
| Lunch 12:00 | | | |
| | CASE STUDIES | | |
| 13:00 | Partitioning: Thorium Purification | | J. Galy |
| 13:30 | Dating: "Age" of Uranium Materials | | A. Morgenstern |
| 14:00 | Source Term Evaluation: Nuclear tests at Mururoa | | V. Berthou |
| Coffee 14:30 | | | |
| 15:00 | Source Term Evaluation: RDDs | | V. Berthou |
| 15:30 | Transmutation: Laser Transmutation of Iodine-129 | | J. Magill |
| 16:00 | Transportation of radionuclides | | C. Brossard |
| Departure to hotel 16:30 | | | |
| Dinner at hotel 19:00 | | | |

Friday 2nd

| | | | |
|--------------|--|-----|--------------------------------|
| 9:00 | <i>"Radioactivity: from the discovery to the recent applications"</i> | | <i>Prof. L. Bruzzi.</i> |
| 10:00 | Cross Sections/Fission Products & Yields | | J. Galy |
| 10:30 | Nuclide Mixtures: Decay and Shielding Calculations | | J. Magill |
| Coffee 11:00 | | | |
| 11:15 | Installation/News/Forum/Search database | | J. Galy |
| 11:30 | Test | | |
| Lunch 12:30 | Projection of the JRC video | | |
| 13:00 | Visit to ITU labs (MA lab, "Hot Cells", Environmental monitoring, Alpha-immunotherapy) | | V.Berthou, J.Galy, J.Magill |
| Coffee 15:30 | | | |
| 16:00 | Final discussions, questionnaire / feedback/ certificate | All | |

16:30 End of Course



EUROPEAN COMMISSION
JOINT RESEARCH CENTRE